

FIG. 1

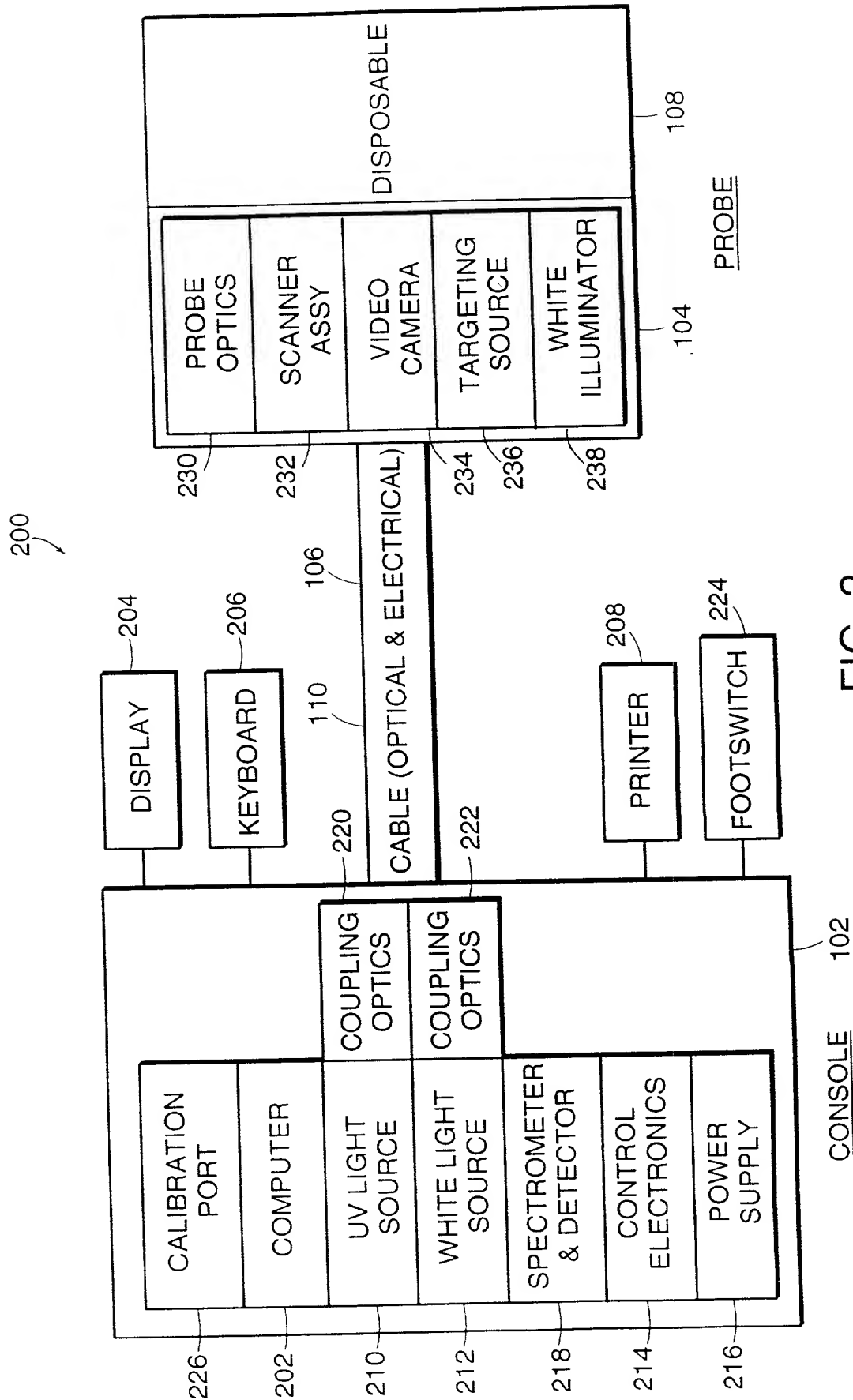


FIG. 2

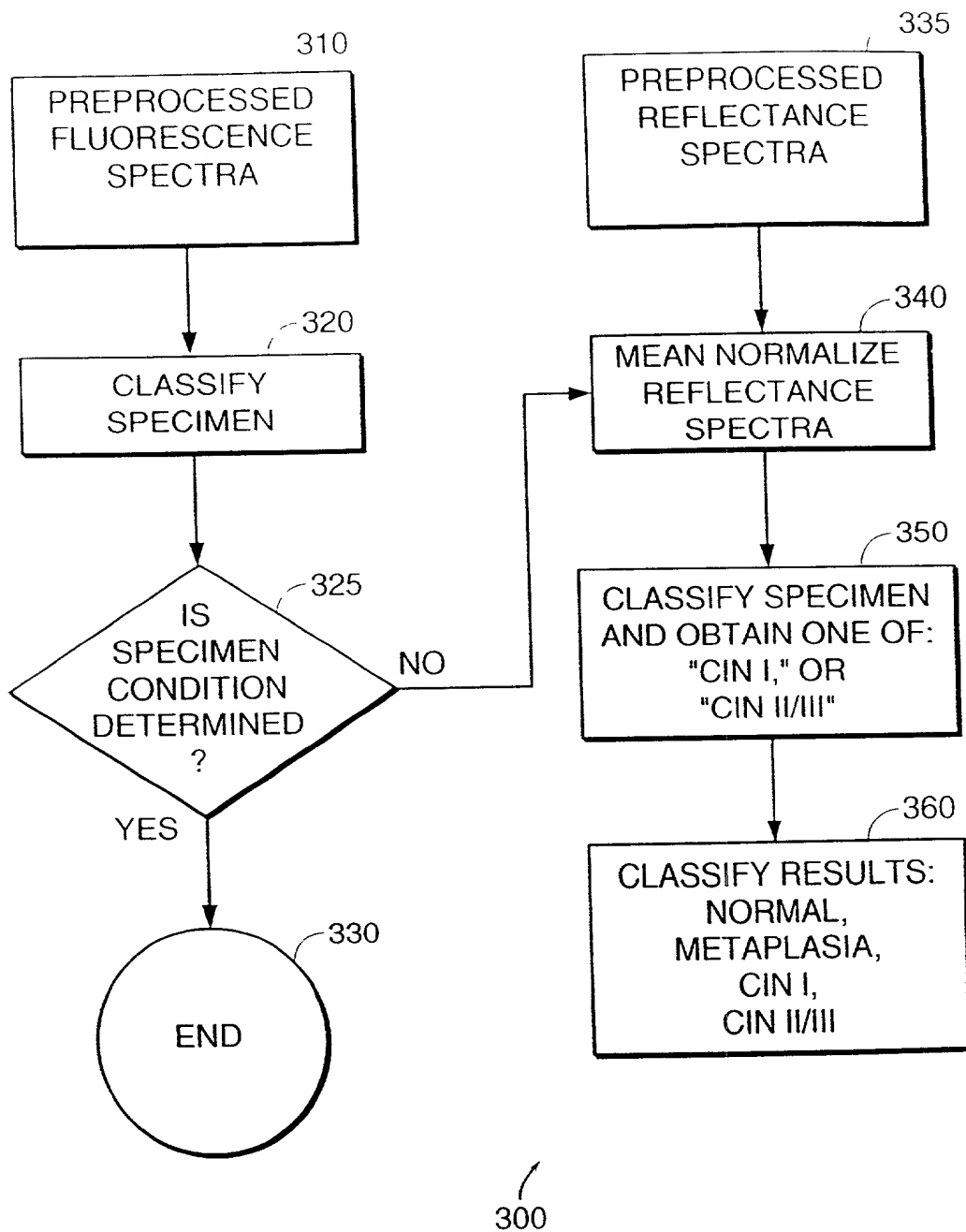


FIG. 3

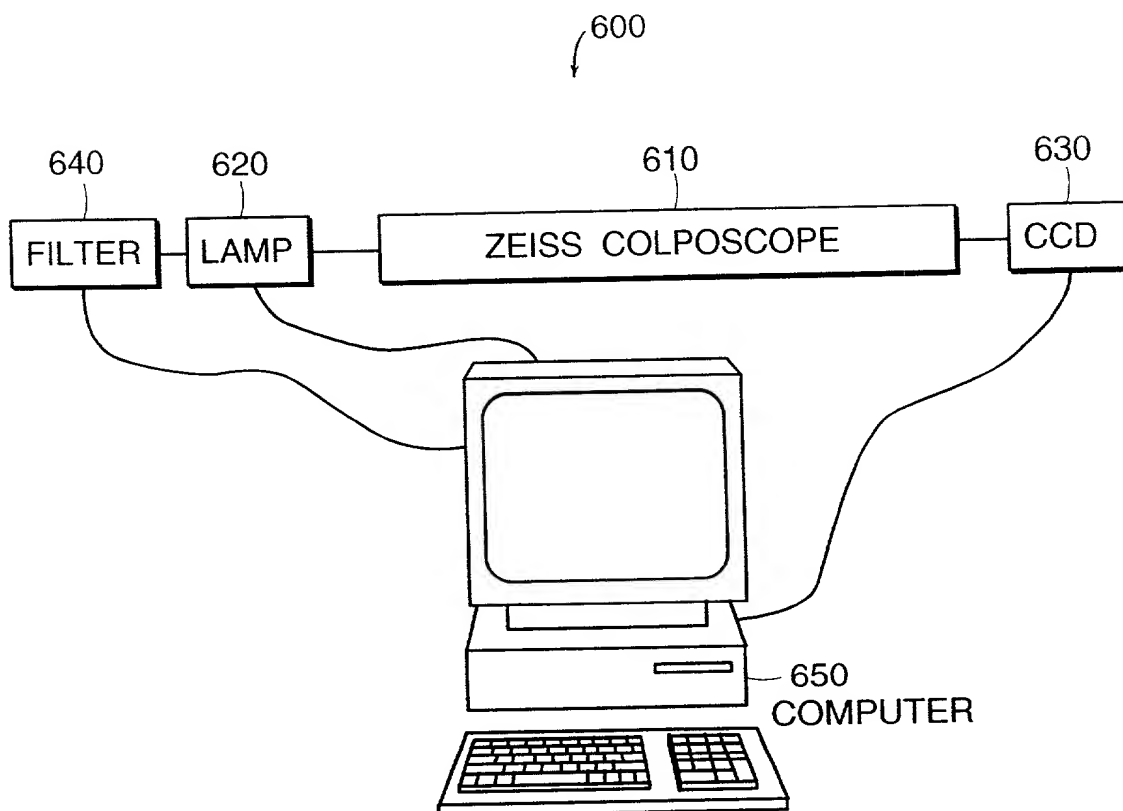


FIG. 4

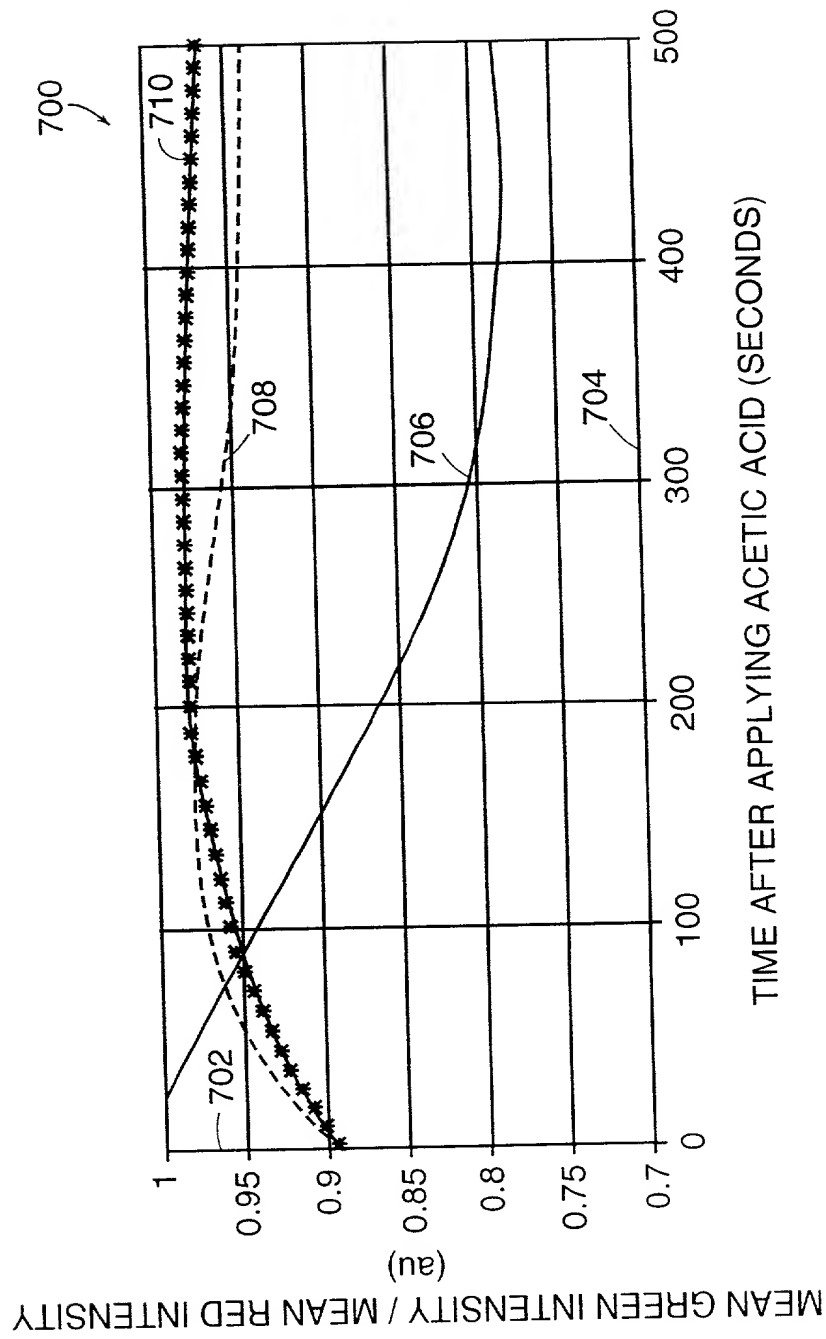


FIG. 5

Title: Methods of Monitoring Effects of  
Chemical Agents on a Sample  
Inventor(s): Kaufman, et al.  
Atty Docket No. MDS-013A  
Atty/Agent: Joseph B. Milstein

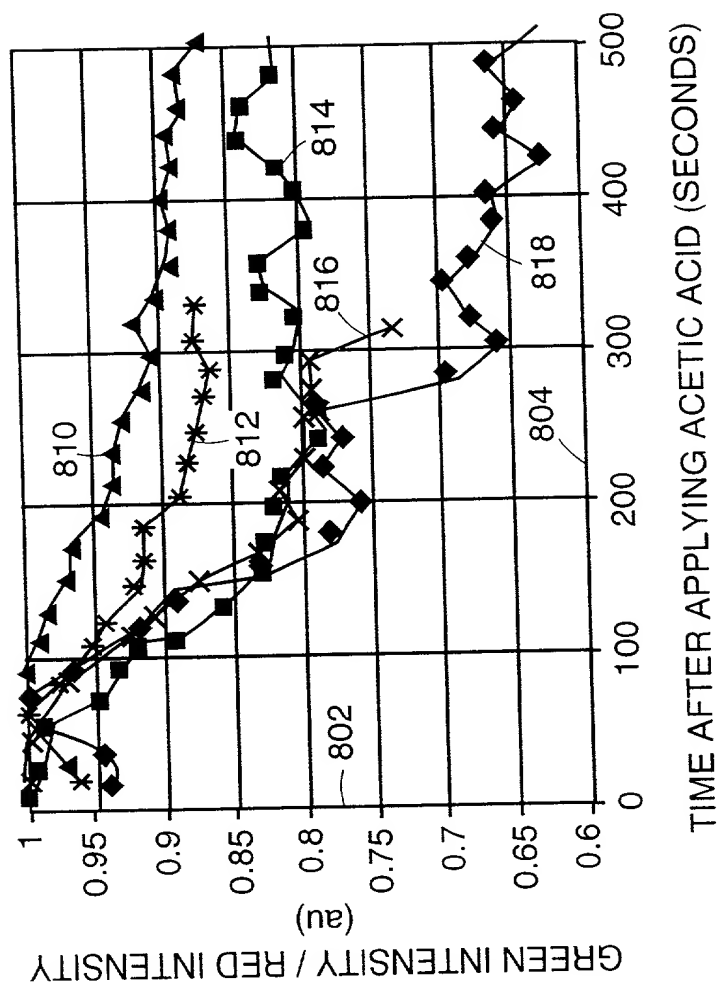


FIG. 6A

Title: Methods of Monitoring Effects of  
Chemical Agents on a Sample  
Inventor(s): Kaufman, et al.  
Army Docket No. MDS-013A  
Army/Agent: Joseph B. Milstein

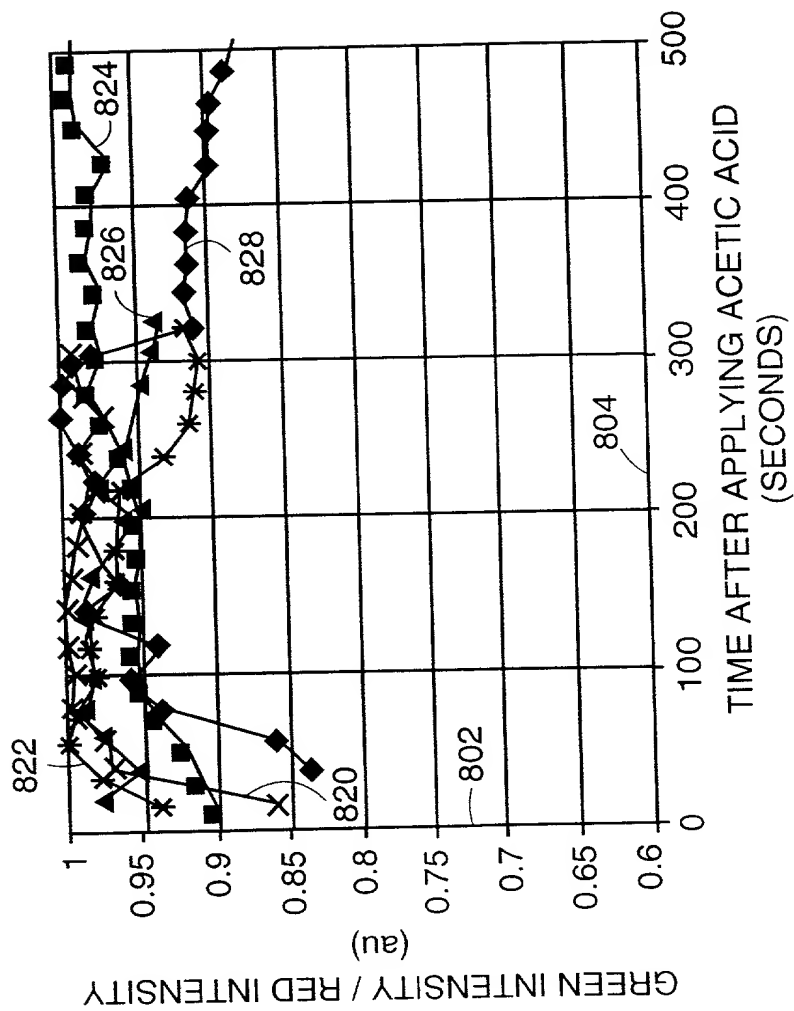


FIG. 6B

Title: Methods of Monitoring Effects of  
 Chemical Agents on a Sample  
 Inventor(s): Kaufman, et al.  
 Atty Docket No. MDS-013A  
 Atty/Agent: Joseph B. Milstein

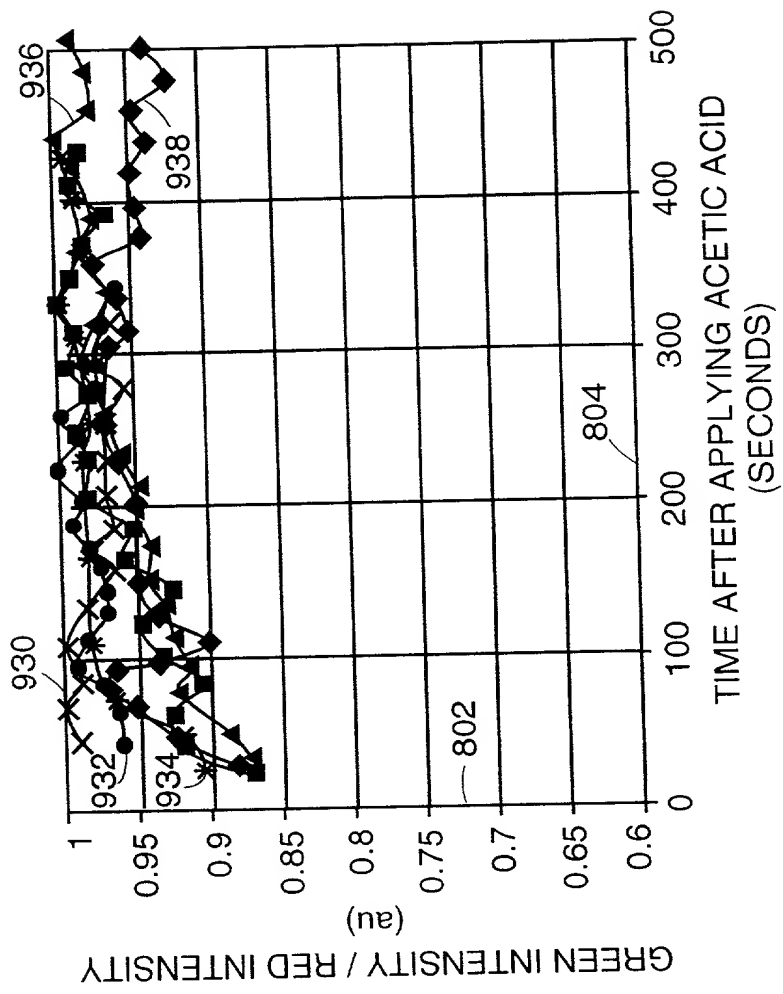


FIG. 6C



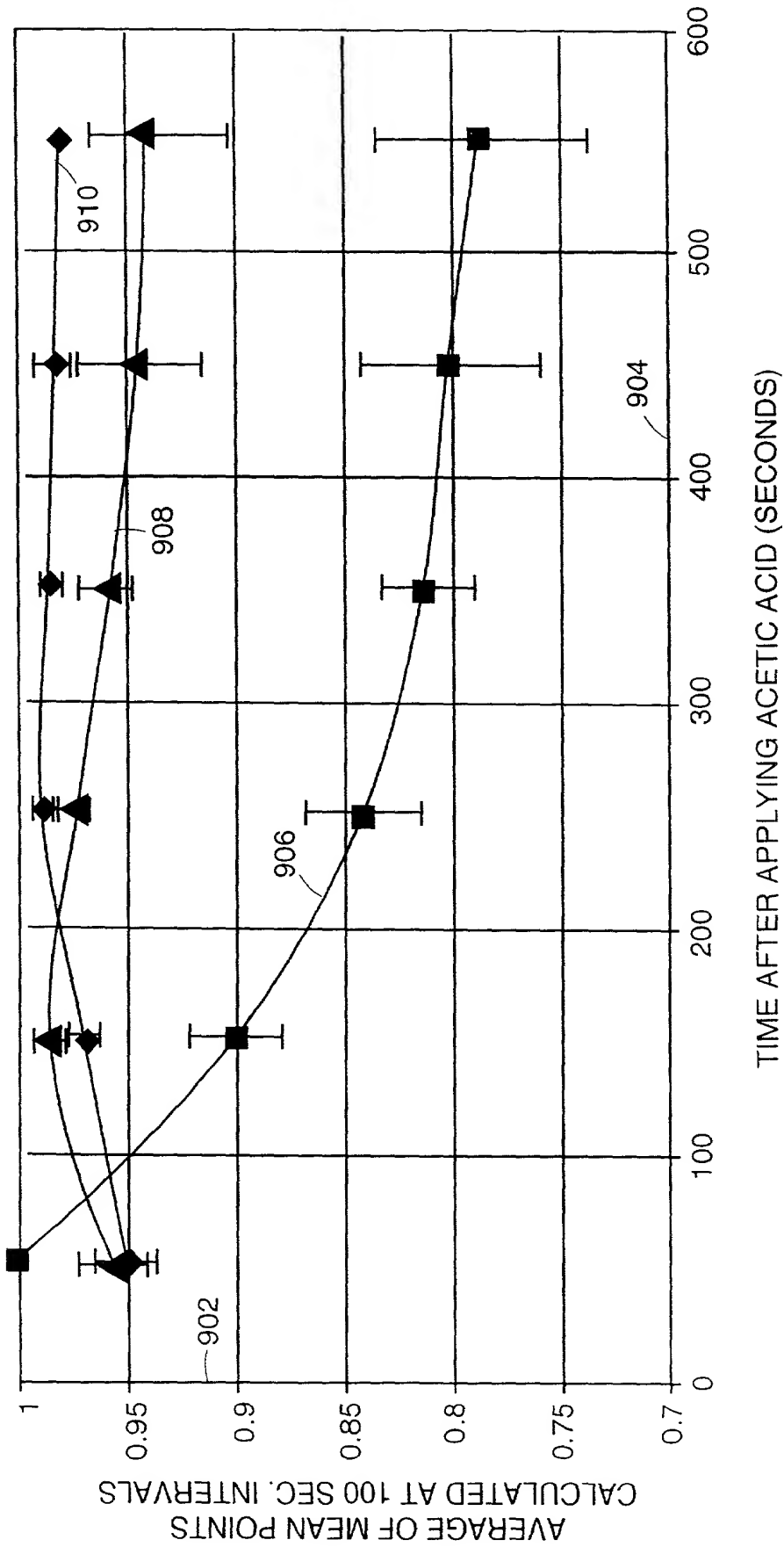


FIG. 7

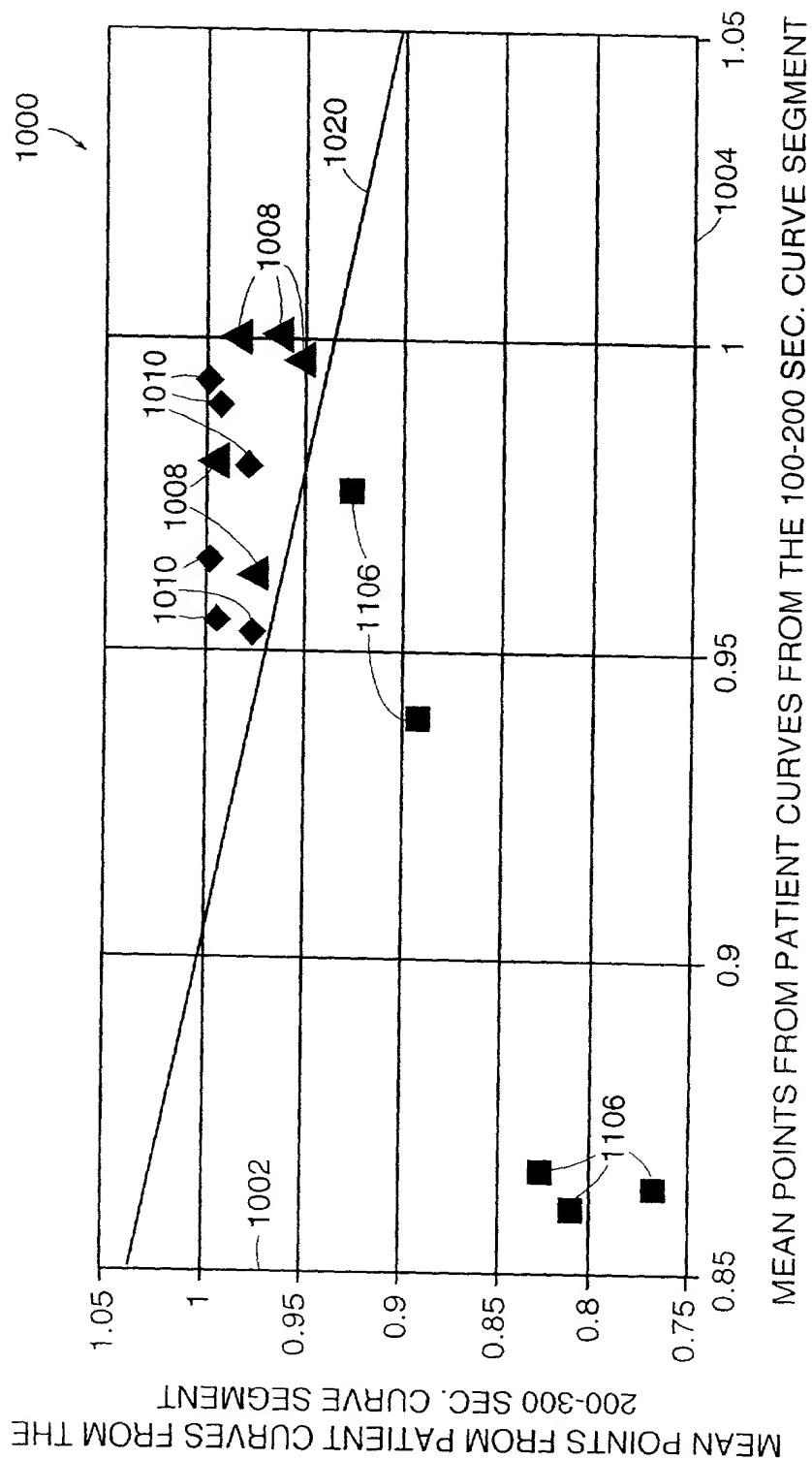


FIG. 8

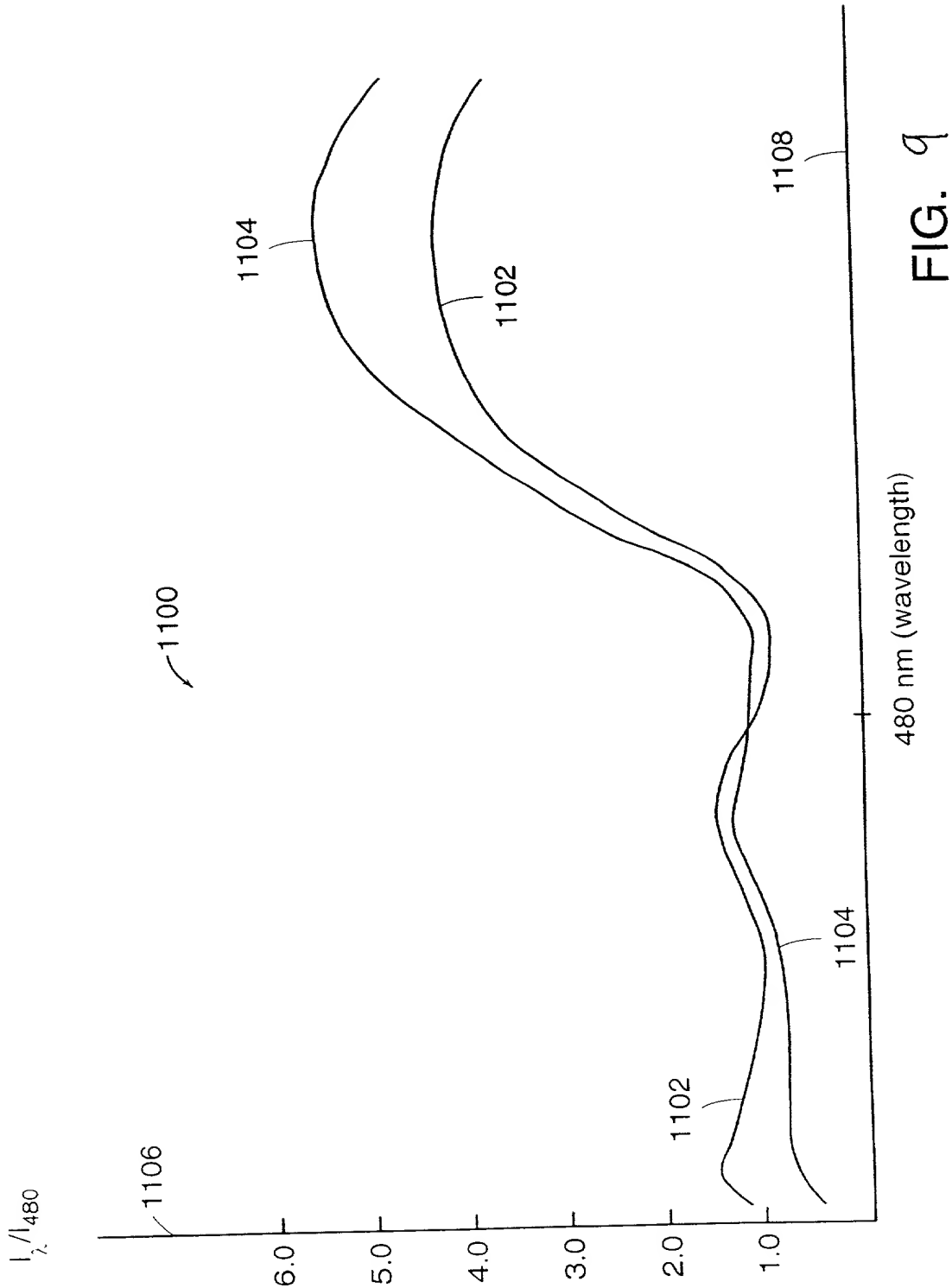


FIG. 9

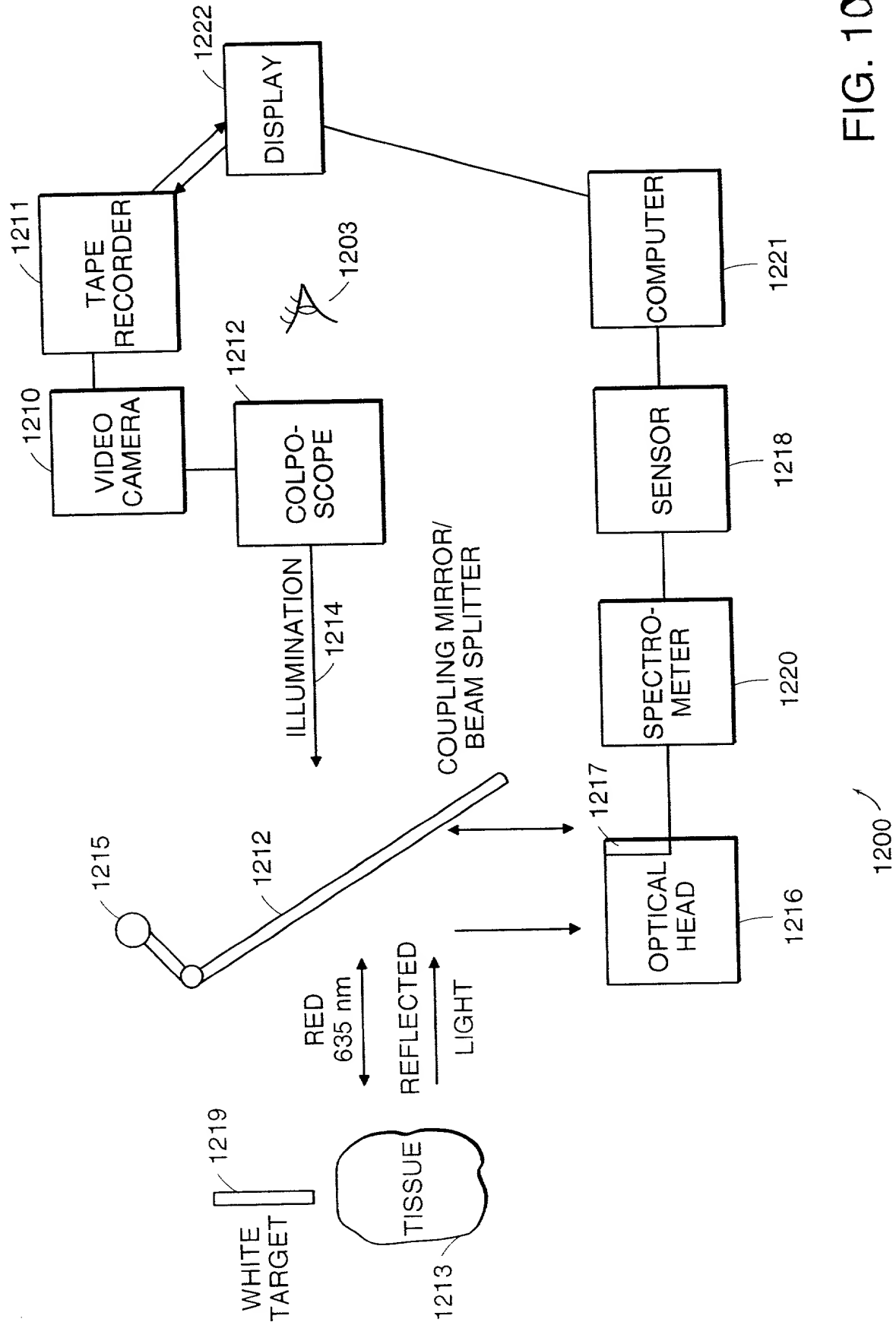


FIG. 10

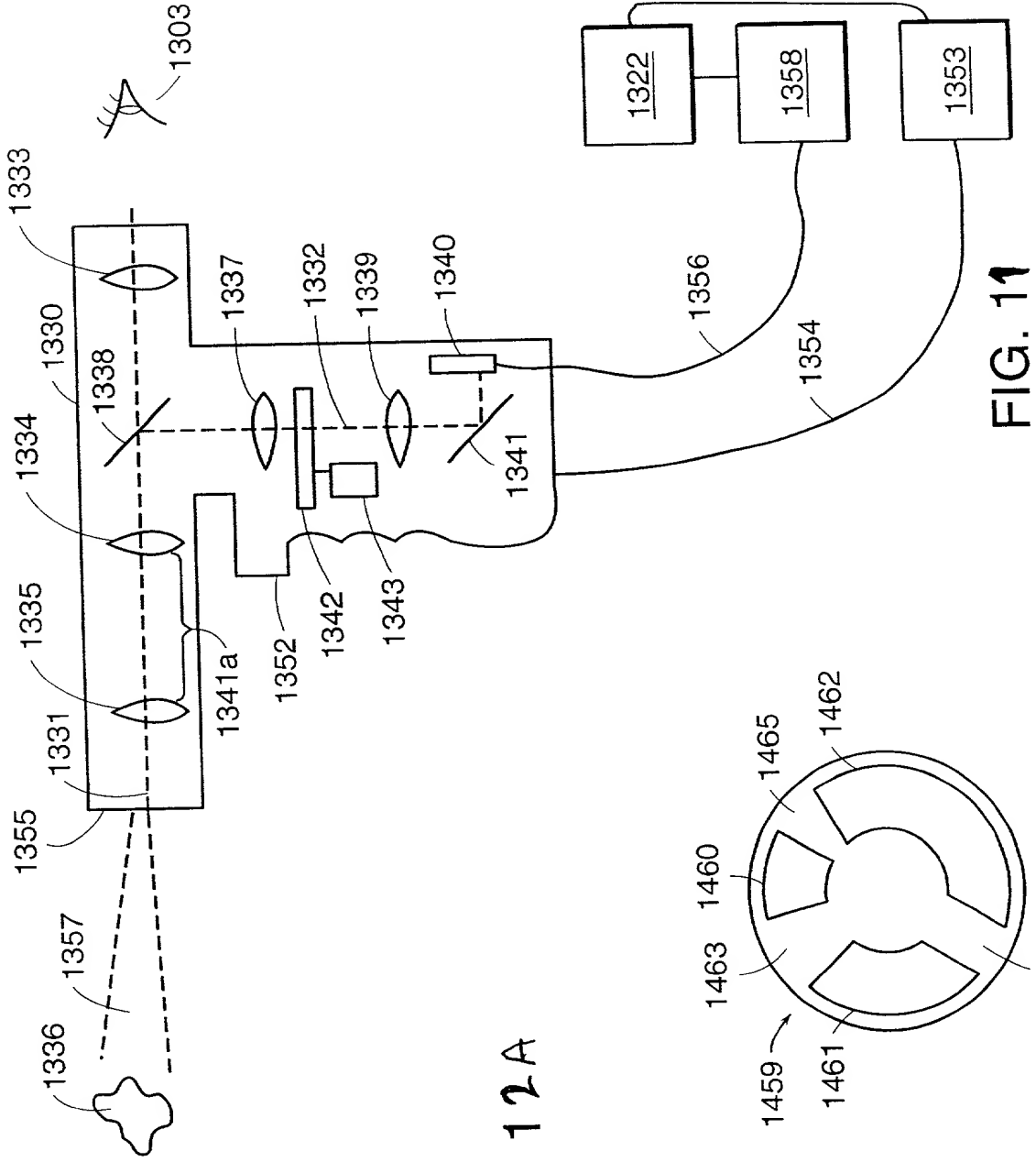


FIG. 11

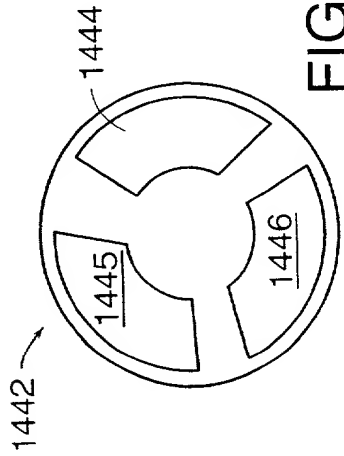


FIG. 12A

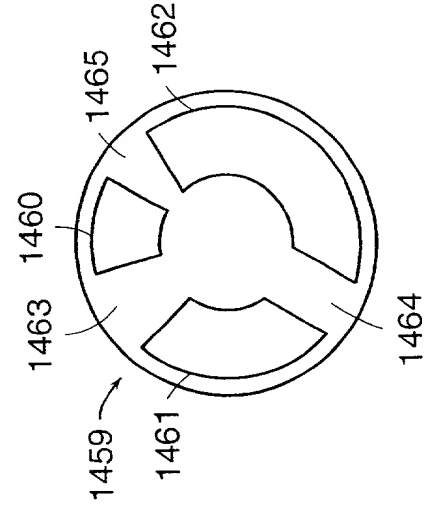


FIG. 12B

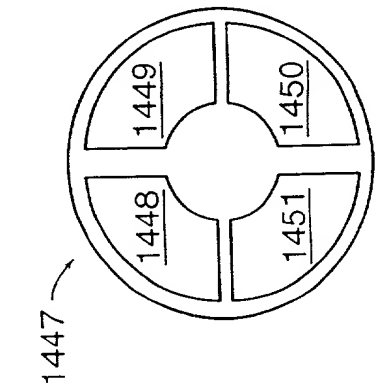


FIG. 12C

FIG. 13 is a schematic diagram of a system 1570 for monitoring the effects of chemical agents on a sample. The system 1570 includes a sample 1580, a sensor 1571, a processor 1577, and a display 1578. The sensor 1571 is connected to the processor 1577, which is connected to the display 1578. The sensor 1571 is also connected to a power source 1572 via a switch 1573. The power source 1572 is connected to the sensor 1571 via a switch 1575. The sensor 1571 is also connected to a ground 1574 via a switch 1579.

FIG. 13

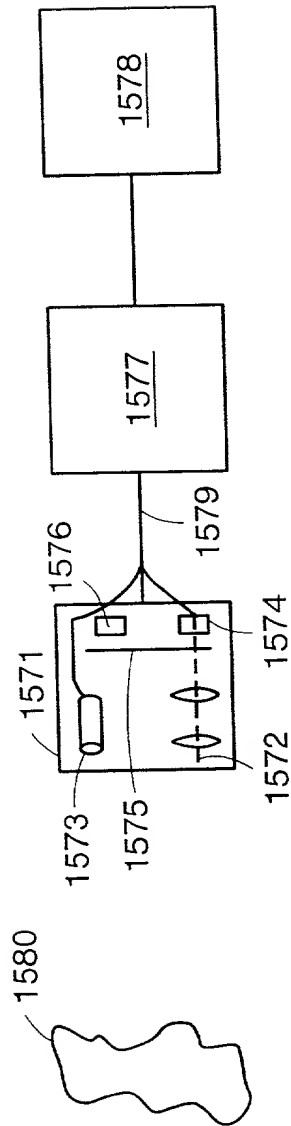
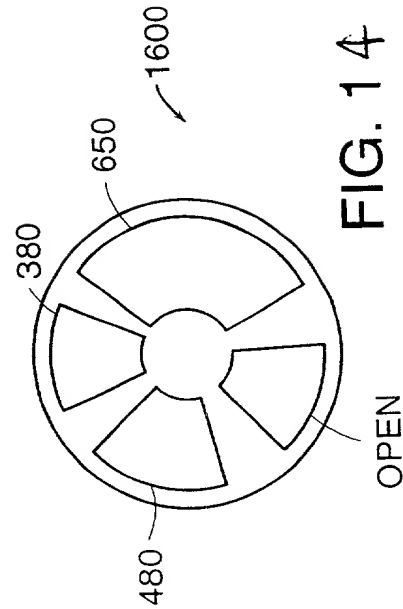
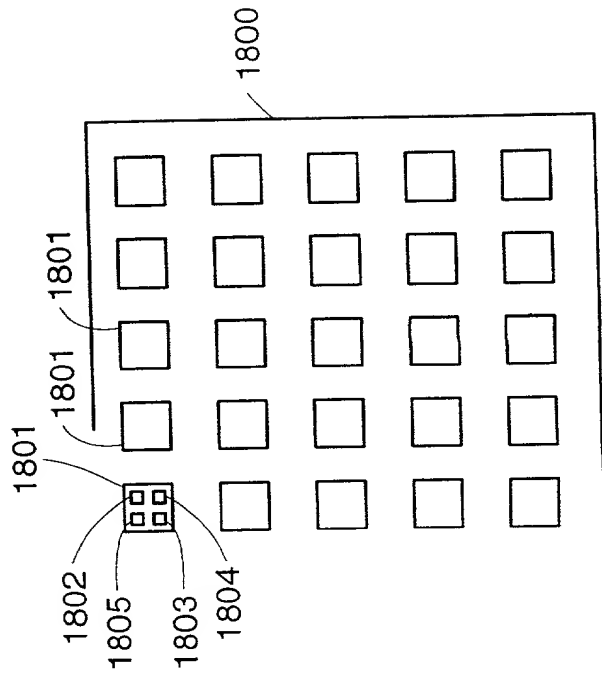
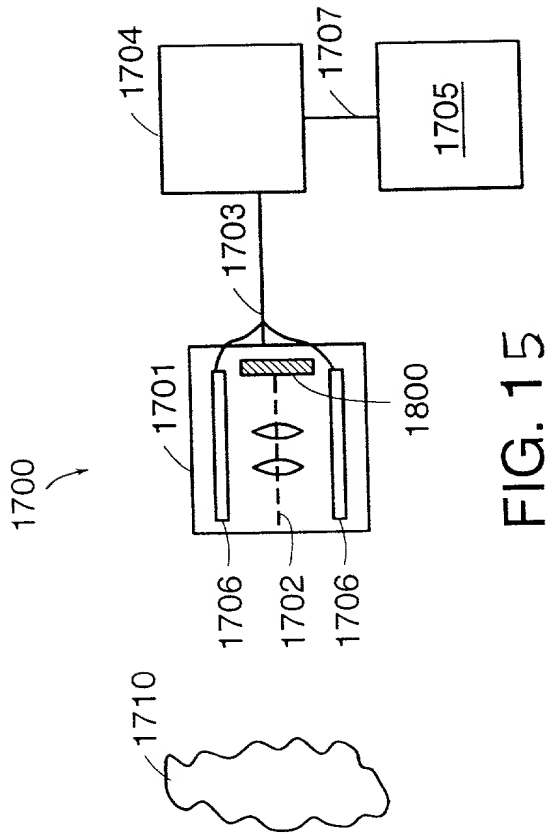


FIG. 14





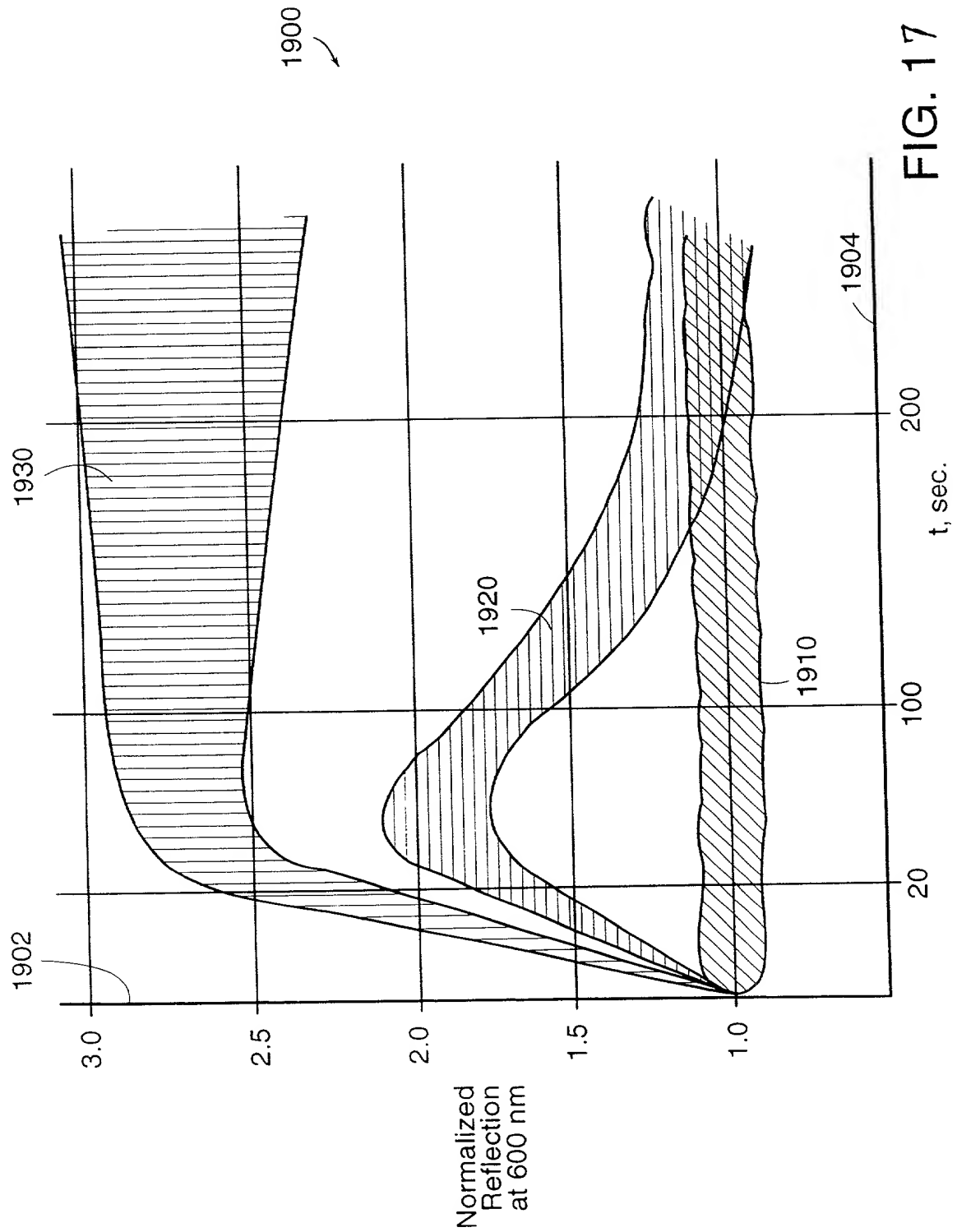
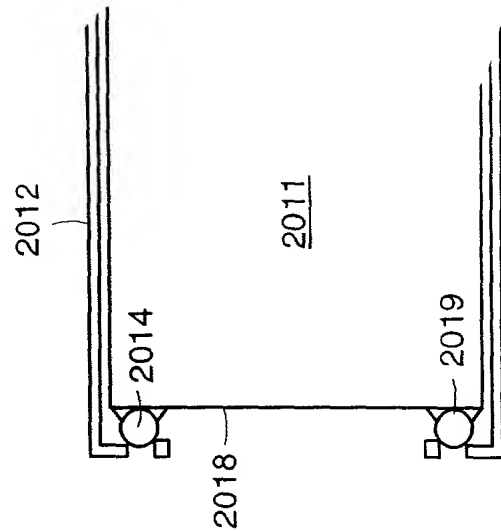
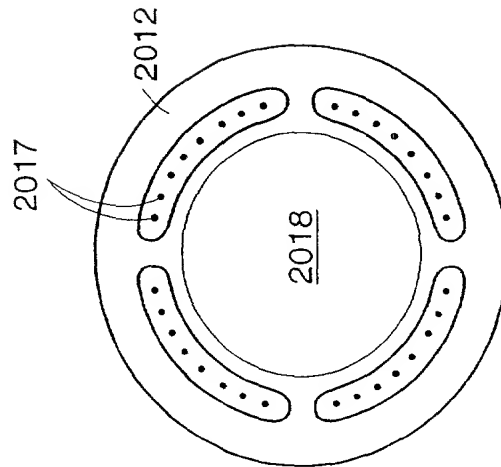
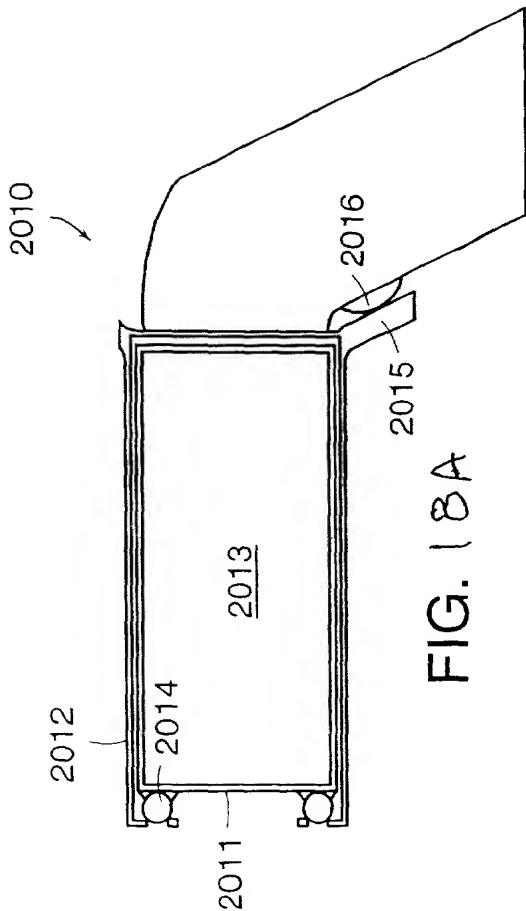


FIG. 17





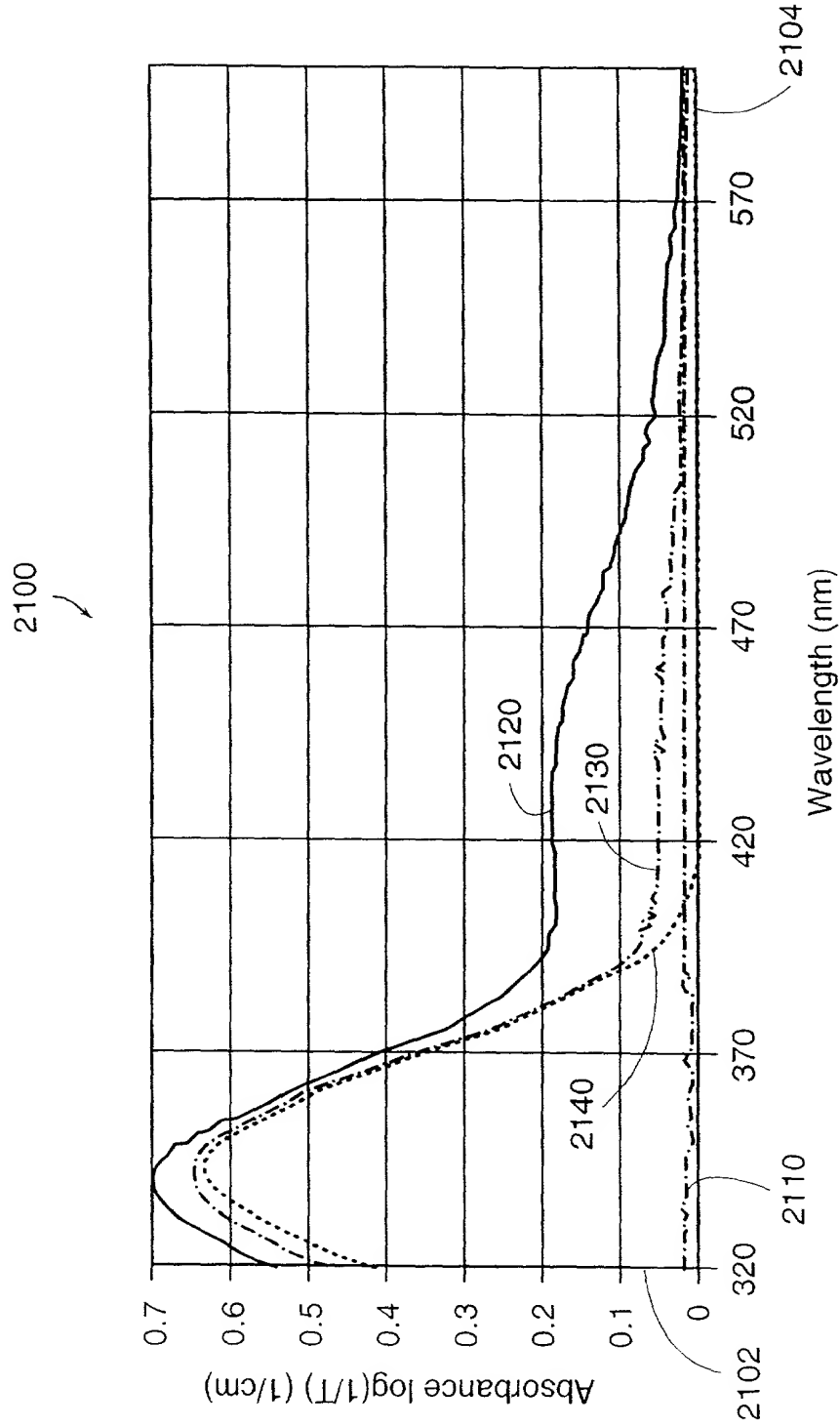
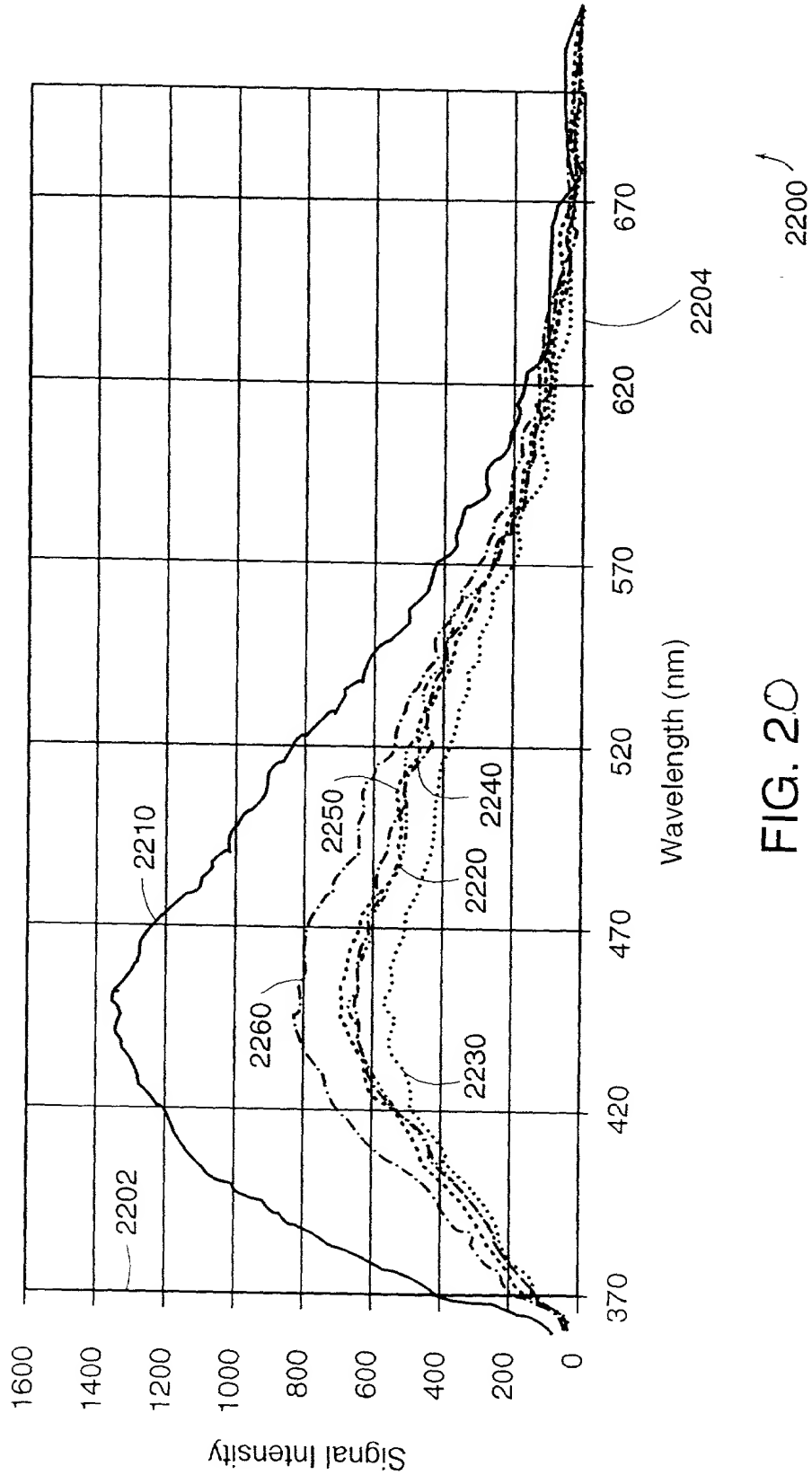


FIG. 19



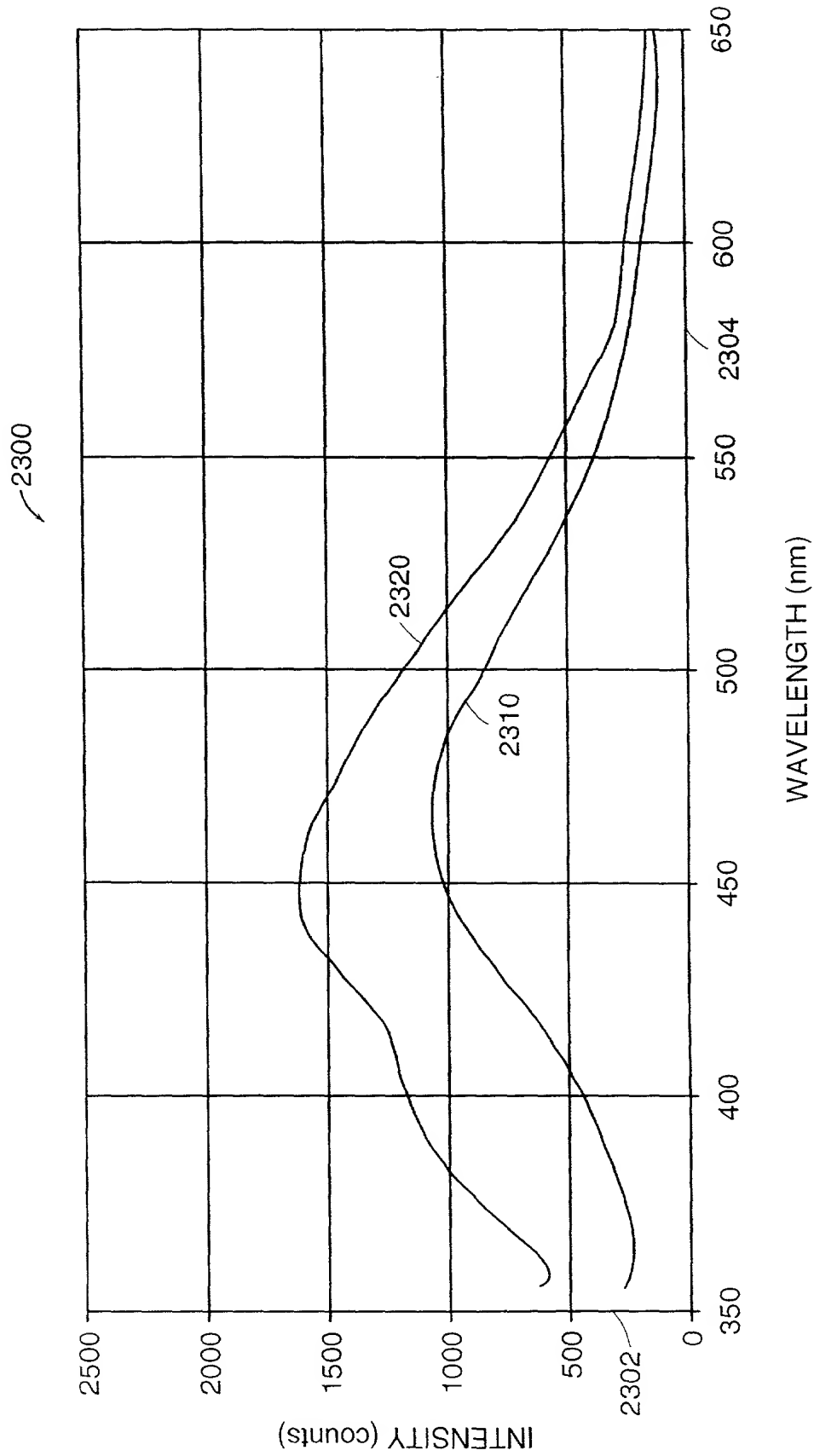


FIG. 21

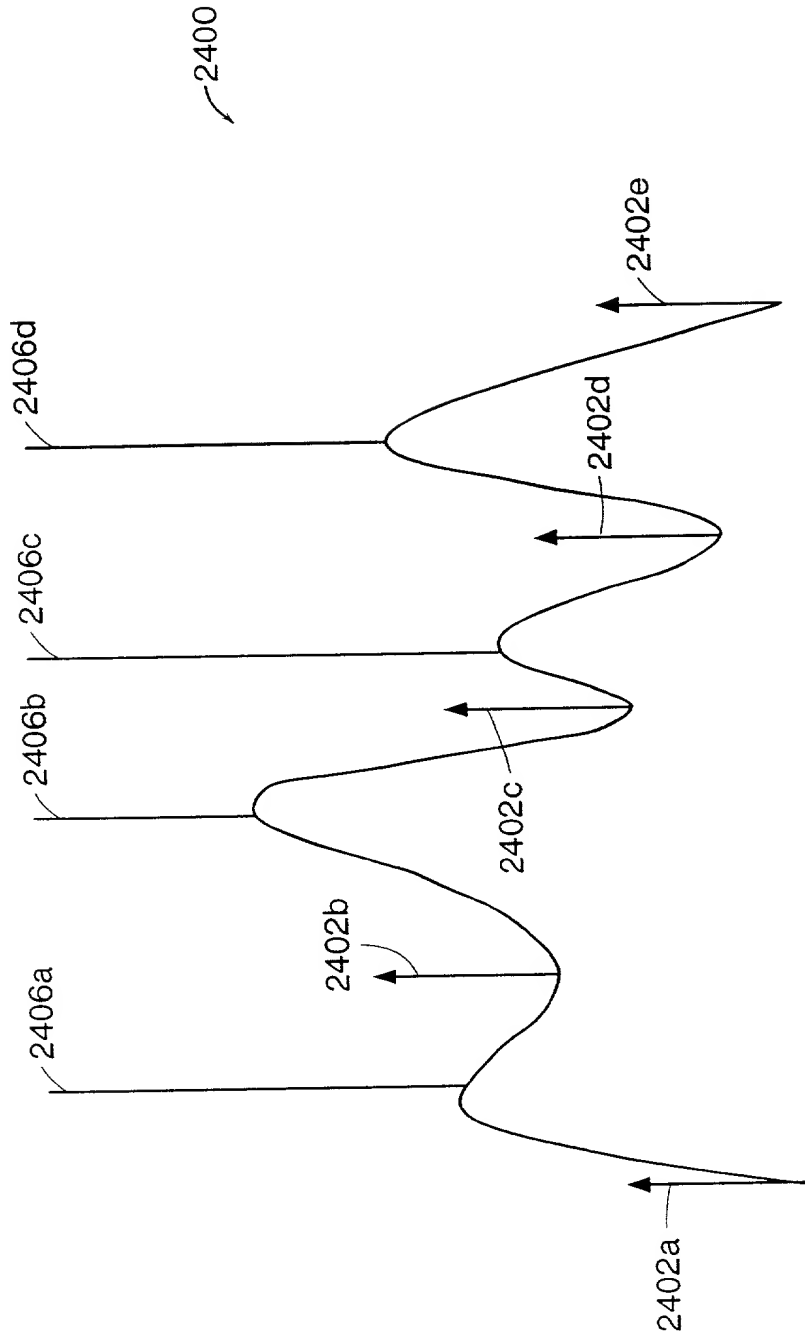


FIG. 22

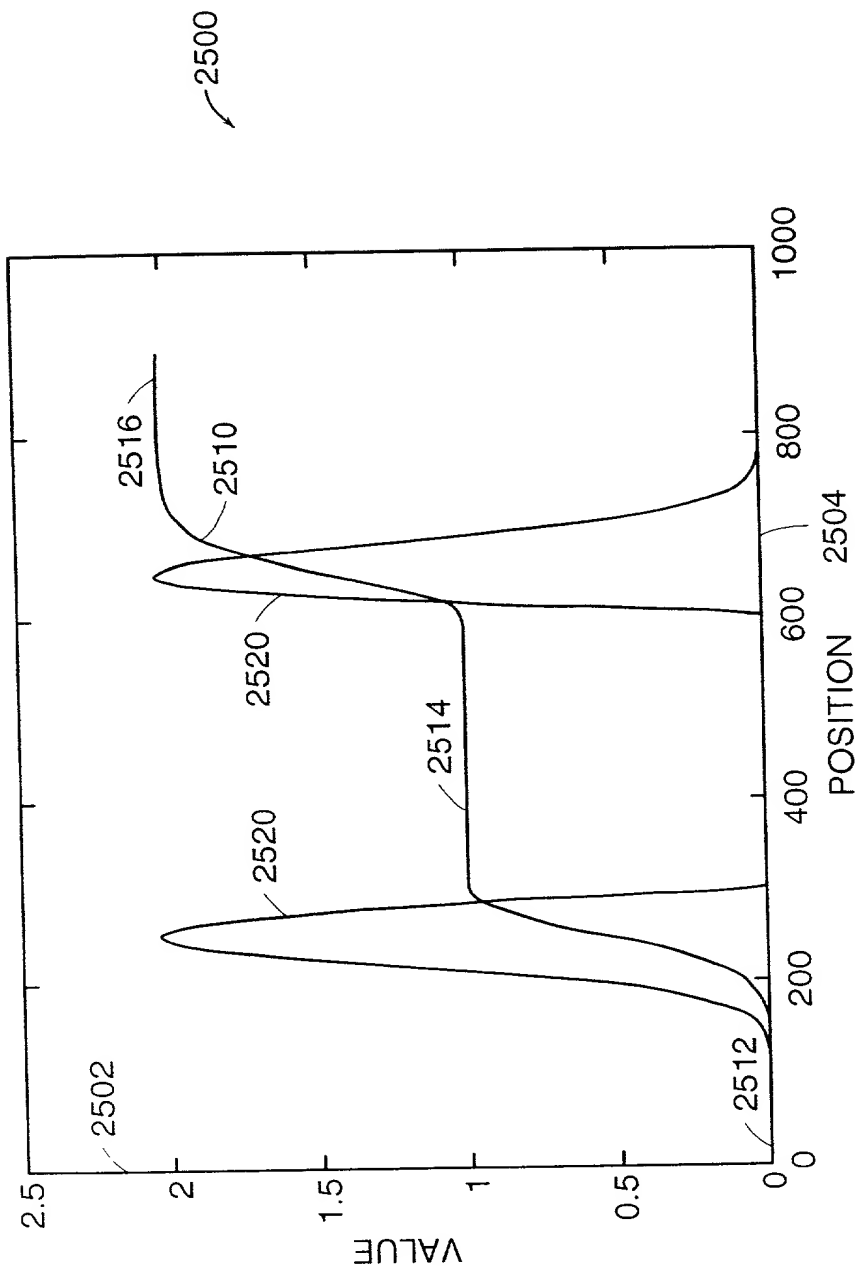


FIG. 23

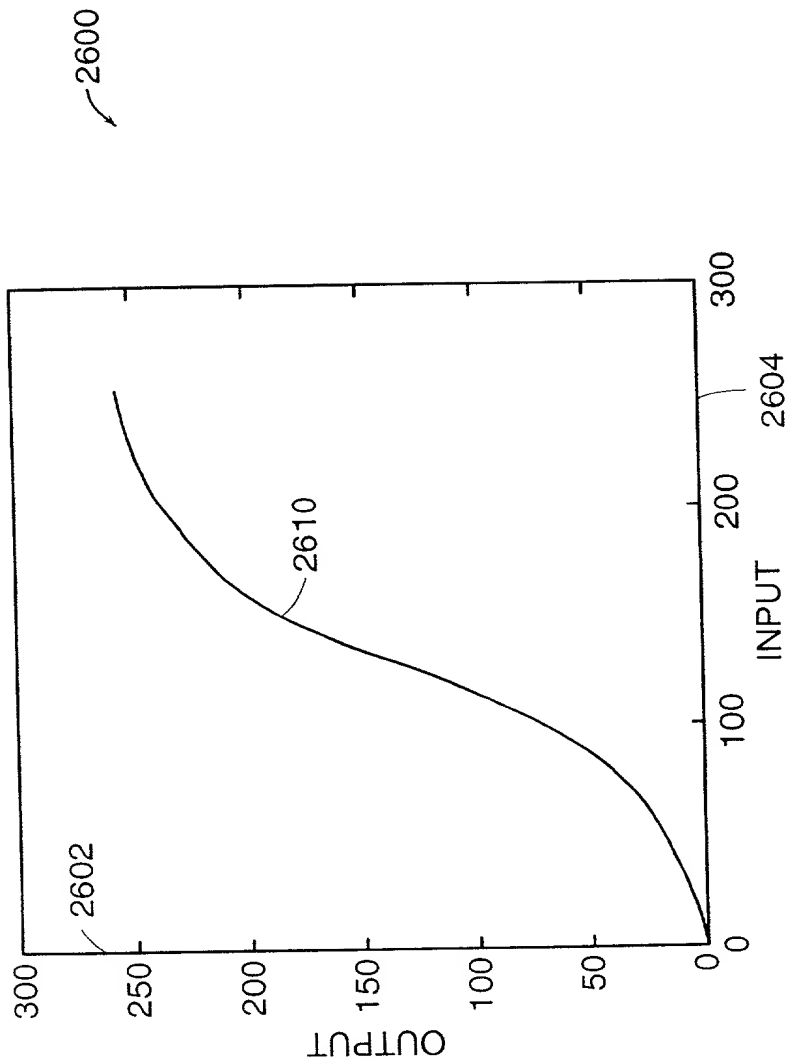


FIG. 24